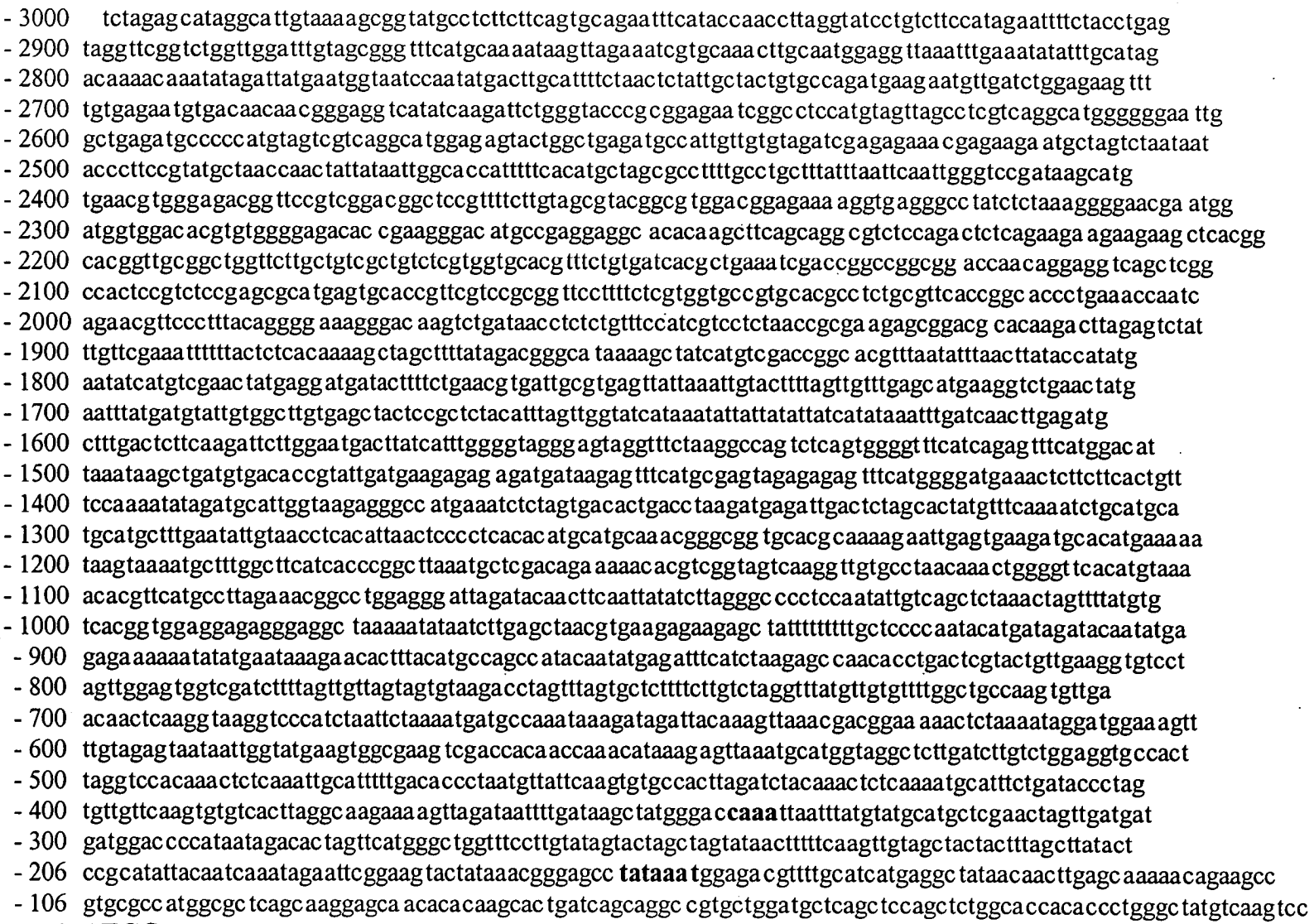
FIGURE 1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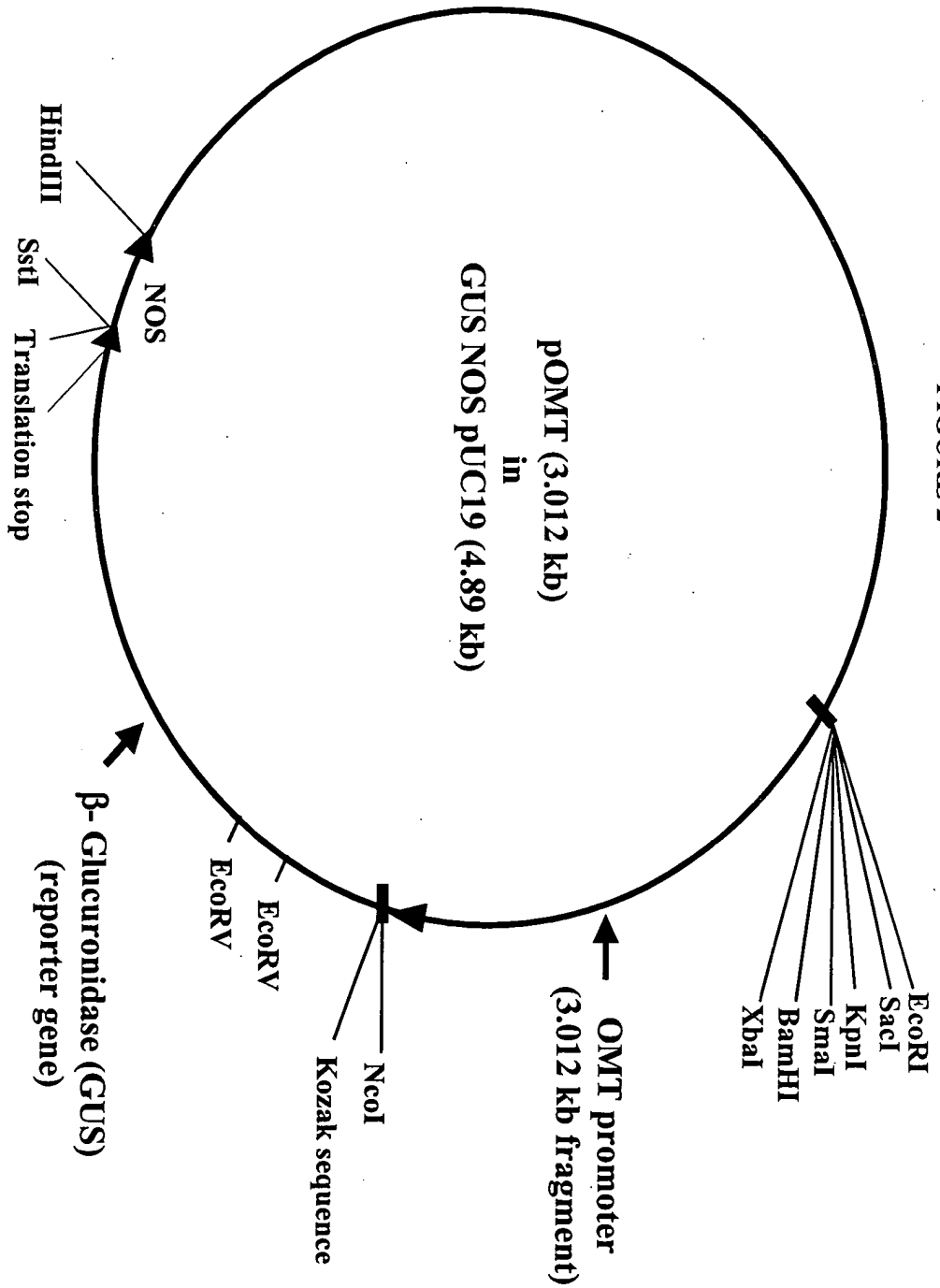
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in
GUS NOS pUC19 (4.89 kb)
EcoRI
SacI
KpnI
SmaI
BamHI
XbaI
OMT promoter
(3.012 kb fragment)
NcoI
Kozak sequence
EcoRV
EcoRV
β- Glucuronidase (GUS)
(reporter gene)
NOS
HindIII
SstI
Translation stop

FIGURE 2

FIGURE 3

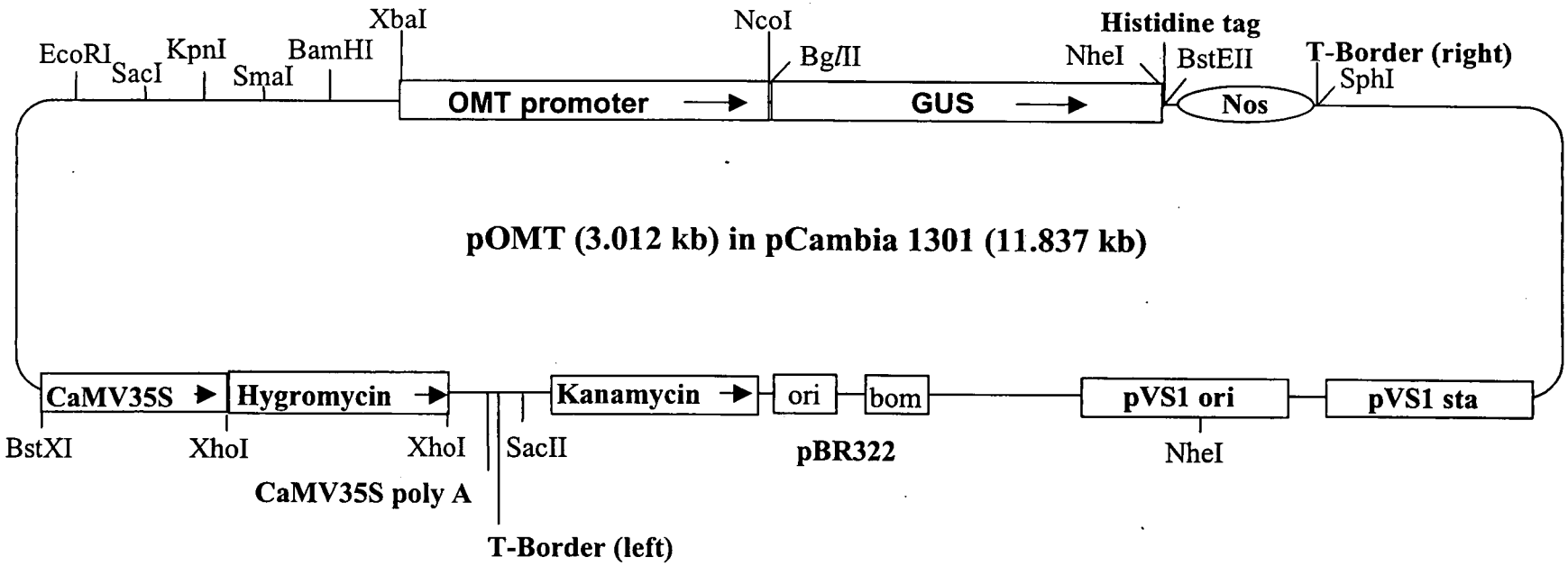
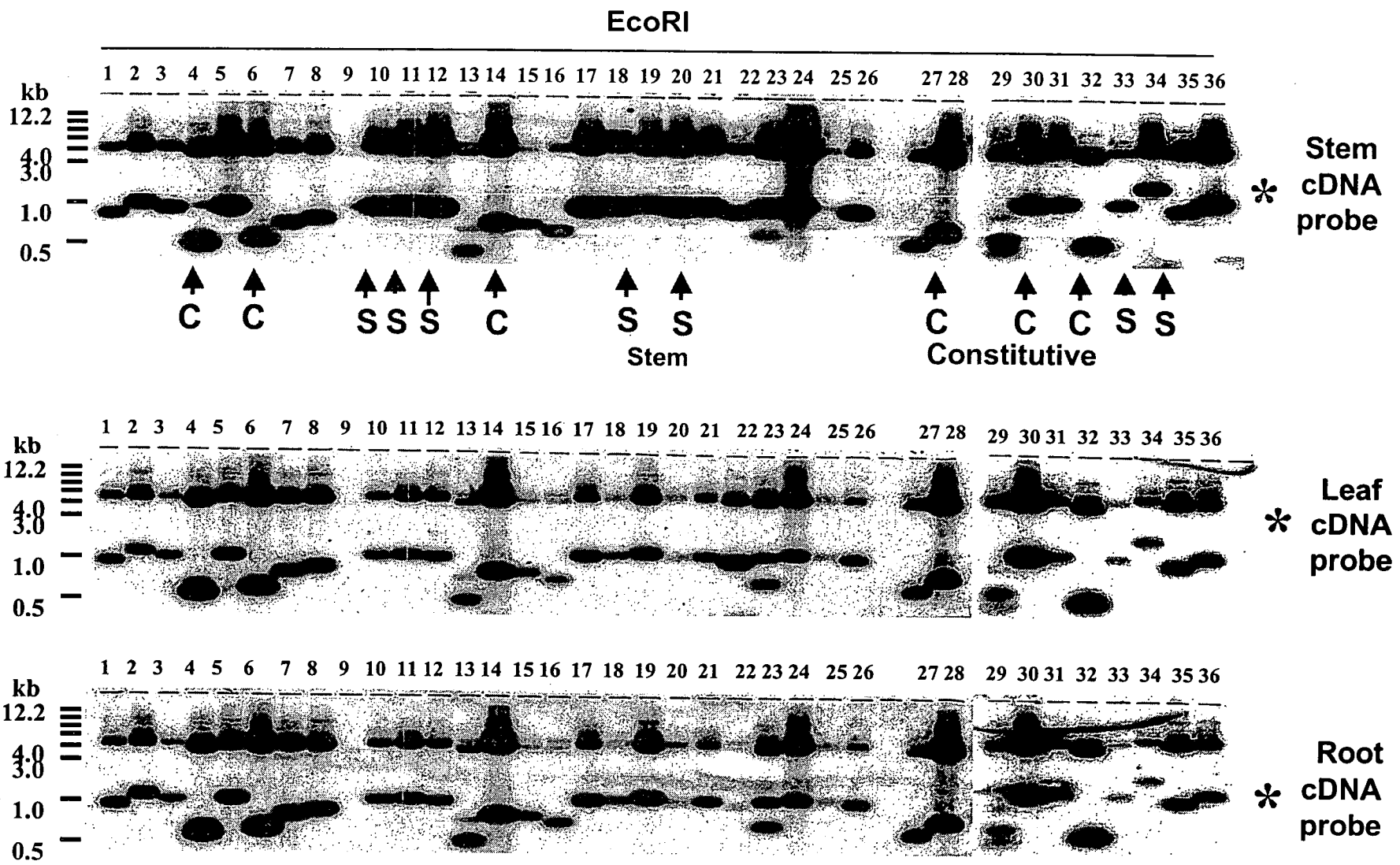

XbaI
NcoI
Histidine tag
EcoRI
SacI
KpnI
SmaI
BamHI
BglII
NheI
BstEII
T-Border (right)
SphI
OMT promoter
GUS
Nos
pOMT (3.012 kb) in pCambia 1301 (11.837 kb)
CaMV35S
Hygromycin
Kanamycin
ori
bom
pVS1 ori
pVS1 sta
BstXI
XhoI
XhoI
SacII
pBR322
NheI
CaMV35S poly A
T-Border (left)

FIGURE 4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4.0
3.0
1.0
0.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
C C S S S C S S C C C S S
Stem
Constitutive
Stem cDNA probe
Leaf cDNA probe
Root cDNA probe